

# MILLERCOMM2023

# CAS

Center for  
Advanced  
Study

## David Rosenboom

Composer, performer,  
interdisciplinary artist-educator

Monday  
October 3, 2022  
5:00 pm

CIF Auditorium (0027/1025)  
Campus Instructional Facility  
1405 Springfield Avenue Urbana  
University of Illinois Urbana-Champaign

HOSTED BY:  
School of Music

IN CONJUNCTION WITH:  
Carl R. Woese Institute for Genomic  
Biology—Art of Science Program  
Department of History  
Department of Chemistry  
Department of Computer Science  
Department of Electrical &  
Computer Engineering  
Humanities Research Institute  
Office of the Chancellor  
Robert E. Brown Center for World Music  
Sousa Archives & Center for  
American Music  
Symbolic Sound Corporation  
The Neuroscience Program

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Scan the code for the  
complete schedule of  
David Rosenboom's public  
events calendar during his  
GAM residency.



For background information, consult  
[cas.illinois.edu](http://cas.illinois.edu) or call 217-333-6729.

# Neuromusic

## Propositions from an Art-Science Convergence

David Rosenboom will present concrete examples from his more than five decades of pioneering work in *propositional music* illustrating how testable theoretical models in science and process-based *what-if* models in speculative arts can converge to mutual advantage in the new *artscience*: musical forms that arise spontaneously and evolve, listening as performance, networked telematic projects, large-scale collaborative forms, new approaches to notation, adaptive engineering in interactive instruments, cybernetic compositions employing direct musical interface with the human brain, and more.

Following the presentation, Rosenboom will join a panel discussion including **Carla Scaletti** (Symbolic Sound), **David Sepkoski** (History), and **Smitha Vishveshwara** (Physics).